

## SEQUENCE LISTING

<110> Brenda F. Baker  
Lex M. Cowsert

<120> ANTISENSE MODULATION OF MATRIX METALLOPROTEINASE 1 EXPRESSION

<130> RTS-0139

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&lt;213&gt; Homo sapiens

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&lt;221&gt; CDS

&lt;222&gt; (69)...(1478)

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Met His Ser Phe Pro Pro Leu Leu Leu Leu Leu Phe Trp Gly

1

5

10

gtg gtg tct cac agc ttc cca gcg act cta gaa aca caa gag caa gat 158

Val Val Ser His Ser Phe Pro Ala Thr Leu Glu Thr Gln Glu Gln Asp

15

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gtg gac tta gtc cag aaa tac ctg gaa aaa tac tac aac ctg aag aat 206

Val Asp Leu Val Gln Lys Tyr Leu Glu Lys Tyr Tyr Asn Leu Lys Asn

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gat ggg agg caa gtt gaa aag cgg aga aat agt ggc cca gtg gtt gaa 254

Asp Gly Arg Gln Val Glu Lys Arg Arg Asn Ser Gly Pro Val Val Glu

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aaa ttg aag caa atg cag gaa ttc ttt ggg ctg aaa gtg act ggg aaa 302

Lys Leu Lys Gln Met Gln Glu Phe Phe Gly Leu Lys Val Thr Gly Lys

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75

cca gat gct gaa acc ctg aag gtg atg aag cag ccc aga tgt gga gtg 350

Pro Asp Ala Glu Thr Leu Lys Val Met Lys Gln Pro Arg Cys Gly Val

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85

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Pro Asp Val Ala Gln Phe Val Leu Thr Glu Gly Asn Pro Arg Trp Glu

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Gln Thr His Leu Thr Tyr Arg Ile Glu Asn Tyr Thr Pro Asp Leu Pro

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F02F0139-0139-0139

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Asn Val Thr Pro Leu Thr Phe Thr Lys Val Ser Glu Gly Gln Ala Asp	
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Ile Met Ile Ser Phe Val Arg Gly Asp His Arg Asp Asn Ser Pro Phe	
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Asp Gly Pro Gly Gly Asn Leu Ala His Ala Phe Gln Pro Gly Pro Gly	
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att gga ggg gat gct cat ttt gat gaa gat gaa agg tgg acc aac aat	686
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ttc aga gag tac aac tta cat cgt gtt gcg gct cat gaa ctc ggc cat	734
Phe Arg Glu Tyr Asn Leu His Arg Val Ala Ala His Glu Leu Gly His	
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Ser Tyr Thr Phe Ser Gly Asp Val Gln Leu Ala Gln Asp Asp Ile Asp	
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Gly Ile Gln Ala Ile Tyr Gly Arg Ser Gln Asn Pro Val Gln Pro Ile	
255 260 265 270	
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Gly Pro Gln Thr Pro Lys Ala Cys Asp Ser Lys Leu Thr Phe Asp Ala	
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Ile Thr Thr Ile Arg Gly Glu Val Met Phe Phe Lys Asp Arg Phe Tyr	
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gag gaa aac act gga aaa acc tac ttc ttt gtt gct aac aaa tac tgg 1262  
 Glu Glu Asn Thr Gly Lys Thr Tyr Phe Phe Val Ala Asn Lys Tyr Trp  
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agg tat gat gaa tat aaa cga tct atg gat cca ggt tat ccc aaa atg 1310  
 Arg Tyr Asp Glu Tyr Lys Arg Ser Met Asp Pro Gly Tyr Pro Lys Met  
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ata gca cat gac ttt cct gga att ggc cac aaa gtt gat gca gtt ttc 1358  
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 Met Lys Asp Gly Phe Phe Tyr Phe Phe His Gly Thr Arg Gln Tyr Lys  
 435 440 445

ttt gat cct aaa acg aag aga att ttg act ctc cag aaa gct aat agc 1454  
 Phe Asp Pro Lys Thr Lys Arg Ile Leu Thr Leu Gln Lys Ala Asn Ser  
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Marital Status	Married	65.2
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Occupation	Unemployed	42.1
Income	\$10,000	12.5
Health Status	Good	72.3
Smoking Status	Smoker	35.6
Alcohol Consumption	Occasional	28.9
Stress Level	High	55.4
Social Support	Low	40.7
Life Satisfaction	Low	38.2
Depression Score	15.6	8.3
Anxiety Score	12.4	6.7
Loneliness Score	18.9	9.1
Self-Esteem Score	22.1	7.5
Resilience Score	25.3	8.9
Optimism Score	28.7	9.4
Gratitude Score	31.2	10.1
Forgiveness Score	34.5	10.8
Compassion Score	37.8	11.5
Kindness Score	40.1	12.2
Generosity Score	43.4	13.0
Patience Score	46.7	13.8
Humility Score	50.0	14.5
Modesty Score	53.3	15.2
Meekness Score	56.6	16.0
Gentleness Score	59.9	16.8
Mildness Score	63.2	17.5
Docility Score	66.5	18.3
Obedience Score	69.8	19.1
Submission Score	73.1	19.9
Conformity Score	76.4	20.7
Compliance Score	79.7	21.5
Cooperation Score	83.0	22.3
Collaboration Score	86.3	23.1
Partnership Score	89.6	23.9
Teamwork Score	92.9	24.7
Cooperation Score	96.2	25.5
Collaboration Score	99.5	26.3
Partnership Score	102.8	27.1
Teamwork Score	106.1	27.9
Cooperation Score	109.4	28.7
Collaboration Score	112.7	29.5
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Teamwork Score	119.3	31.1
Cooperation Score	122.6	31.9
Collaboration Score	125.9	32.7
Partnership Score	129.2	33.5
Teamwork Score	132.5	34.3
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Partnership Score	155.6	39.9
Teamwork Score	158.9	40.7
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Patent 100549-101



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Pub. No. 6,345,001

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&lt;210&gt; 21

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<210> 46

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Patent 2019-01-01

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&lt;210&gt; 47

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tttgggaacg tccatatatg

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&lt;210&gt; 49

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T.O.P.T. "E" 104

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For 3343-1030

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RTS-0139-001